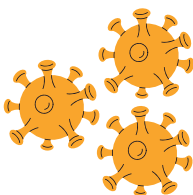


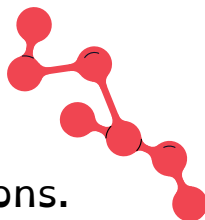
# ESCAPE LAB

## A JOURNEY INTO DRUG DISCOVERY



Viruses are bugs that can make us feel unwell.

In our lab, we work on medicines called antiviral compounds to stop infections.

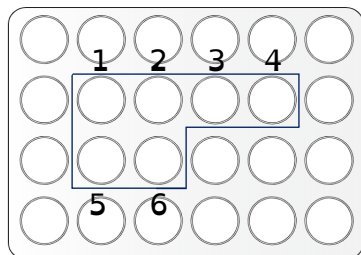


We need your help to find a new antiviral compound to fight the virus!

Name:

1

# Test the compounds



Colour in  
the plate!



Add your compounds  
to the plate.

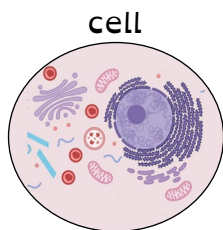
If the colour changes  
to **BLUE**, the drug  
has worked!

Which compounds  
stopped the virus?

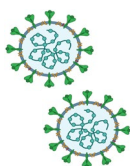
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2

# Are the compound safe?



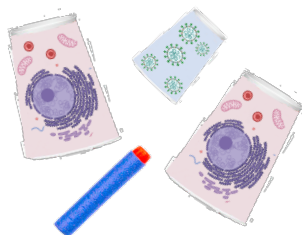
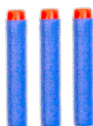
virus



compound

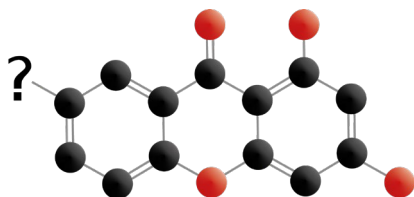
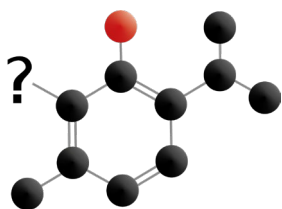
We want to  
stop the virus  
but not the cell!

Bring your compounds  
to the Cytotoxicity  
Station to test them!



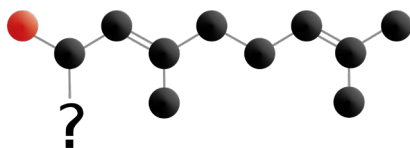
3

## Cytotoxicity Station!



Which compound stops the virus without damaging the cells?

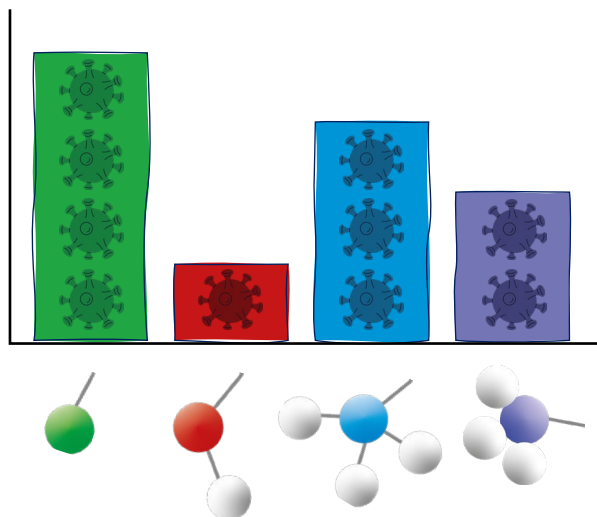
Circle it!



Side group goes here

4

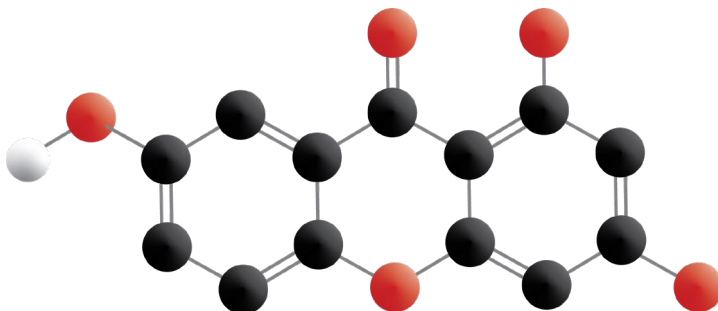
## Modify your compound



Which side group is best at reducing the amount of virus?

5

# Now build your compound!



Place your  
sticker here!

We are a research group at De Montfort University. Our research focusses on infection control and antiviral drug discovery. You can find more about us here: [shivkumarlabs.co.uk](http://shivkumarlabs.co.uk).



SOCIETY FOR GENERAL  
**MICROBIOLOGY**



**BIOCHEMICAL**  
SOCIETY